

GEORGE ENGELMANN  
BOTANICAL NOTEBOOKS

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60

Cass. p. 507

C. Gronovii will be!

u. C. vulgivaga New Hampshire  
 v. C. vulgivaga Adonis  
 w. C. vulgivaga & Sauvini in fruit  
 x. C. Sauvini (Gronovii), ~~part~~<sup>part</sup> ~~explanata~~  
 48 raised from Drummond's seeds H. Hook.

partula  
 ciliata  
 divisa  
 cristata

seed oblong

hil. oblong  
 short  
 of paper.

(Enclosed 882-48)



0  
cm

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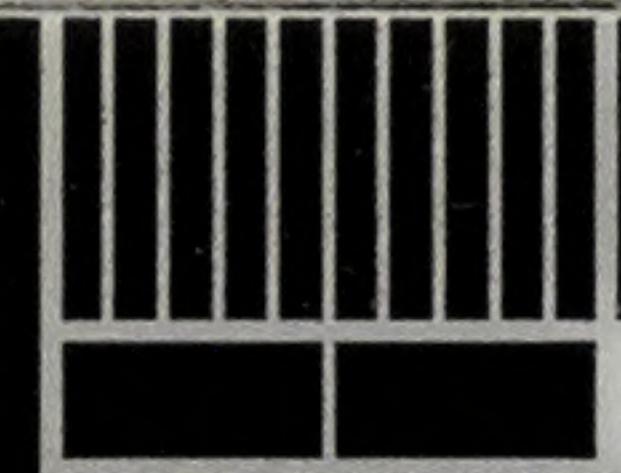


MISSOURI  
BOTANICAL  
GARDEN

*C. Gronovii* Wills Hb № 3160 Autogr.  
*C. umbrose* Bign. Hess! - W. Goetting. Georgie  
*C. vulgaris* Engl. - Sillier! <sup>gap</sup>  
*C. Ameriaca* auct. Am.  
*C. polyantha* Schulte. H. Reg.

MISSOURI BOTANICAL GA  
GEORGE ENGELMANN PA

var *plana* :  
*C. Saueri*. Regel!



0 1 2 3 4 5 6 7 8 9 10  
cm

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C. umbrosa Hook. flbr - part 4907  
C. umbrosa Torn fl. N.Y. N.Y.  
Cetinae var.

Sept.  
George  
Says

BOTANICAL GARDEN  
ANGELMANN PAPERS



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cm

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cm

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25. 6

*C. Grootevisscheri calyptata*  
*C. bonariensis*

7. *C. bonariensis* Hort. Carlsruhe

"

64. *C. chilensis* Hort. Leyburg

6. Embryo

(Enclosed 481-888)



0 1

2 3

4

5

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cm

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GARDEN

4908

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GEORGE ENGELMANN PAPERS

George Engelmann



0 1 2 3 4 5 6 7 8 9 10

cm

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51 C. Gronovii Willd herb! Römer & Schult.

America borealis tota (cis montane)

Cuscuta Americana Lin pro parte

C. umbrosa Breyeri herb Berlin Goettig Hook

C. umbrosa Hooker fl. bor. Am. pro parte

C. vulgaris Regel! - Willd. Journ

C. polyantha Shattuck - Pl. Regel

var. Explanata C. Saemurii Regel in Willd. Journ



0

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cm

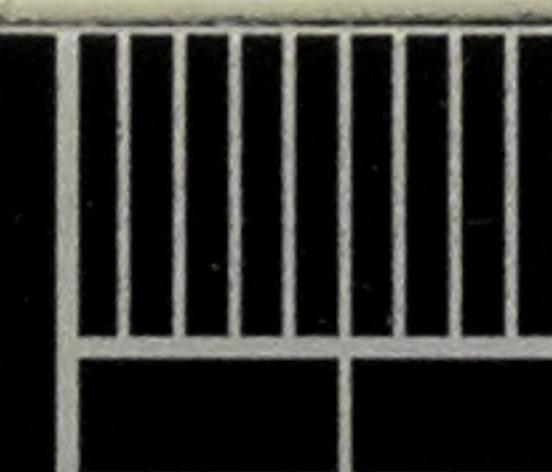
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4909

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cm

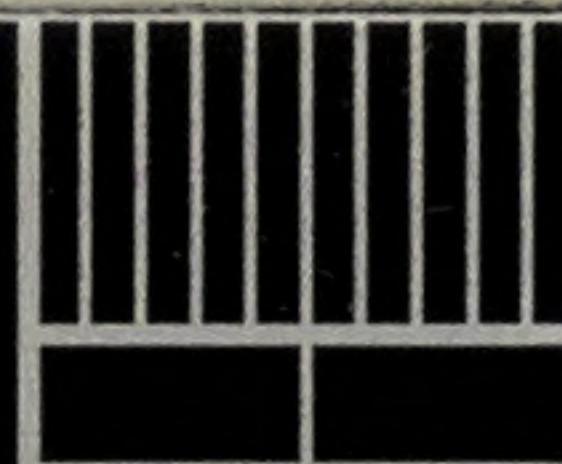
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Currents *Gronovii* van Hosteus is

*C. Bonariensis* Hort. Carlsruhe. al.  
*C. Chileensis* Hort Freiburg. al.  
*C. tenuiflora* Hort Gottl Freiburg.



0 1 2 3 4 5 6 7 8 9 10  
cm

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4910

33

monostiflora

- 32

parviflora

var. tenuilla

s. *filamentis oblongis*  
*H. microphyllus*

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cm

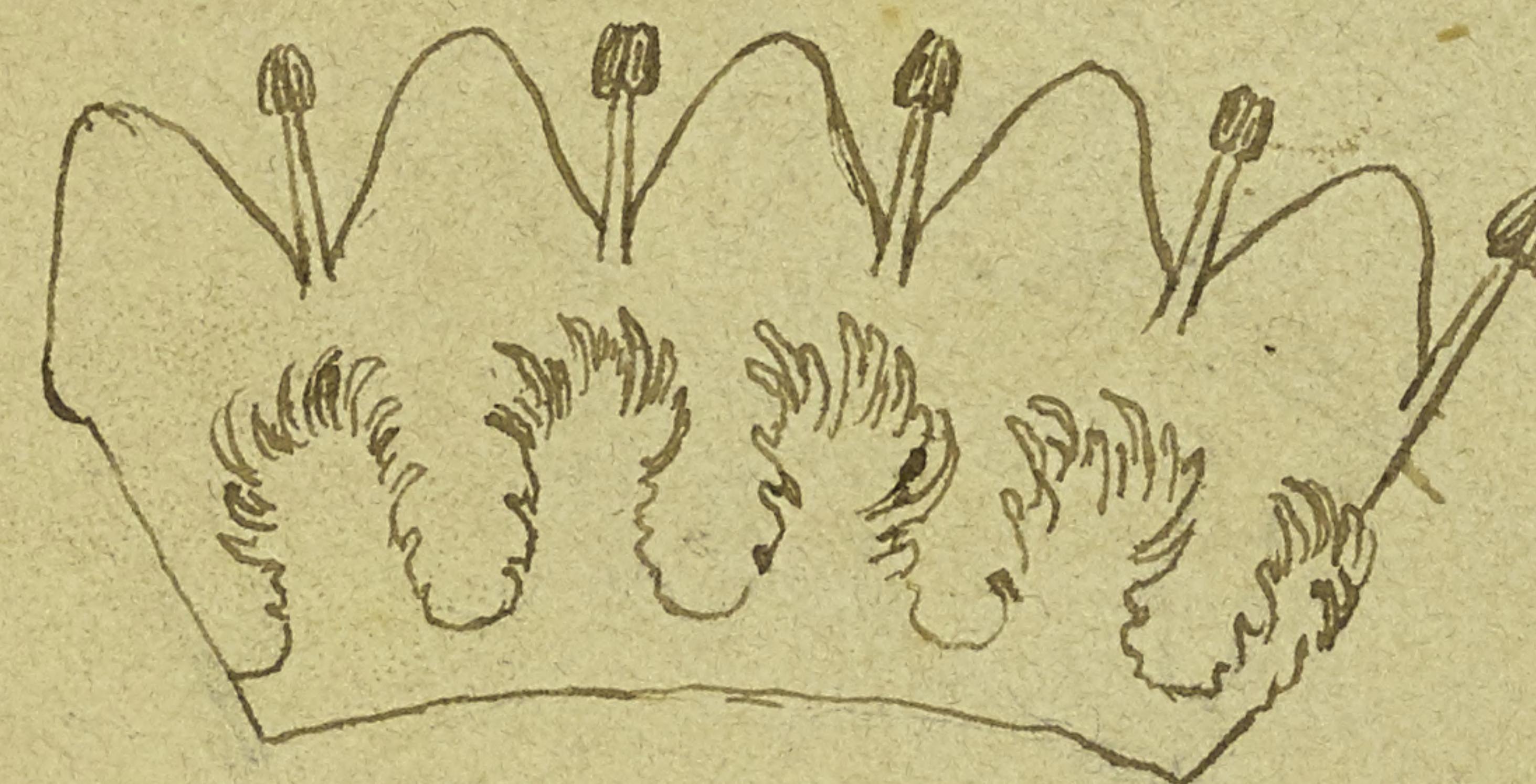
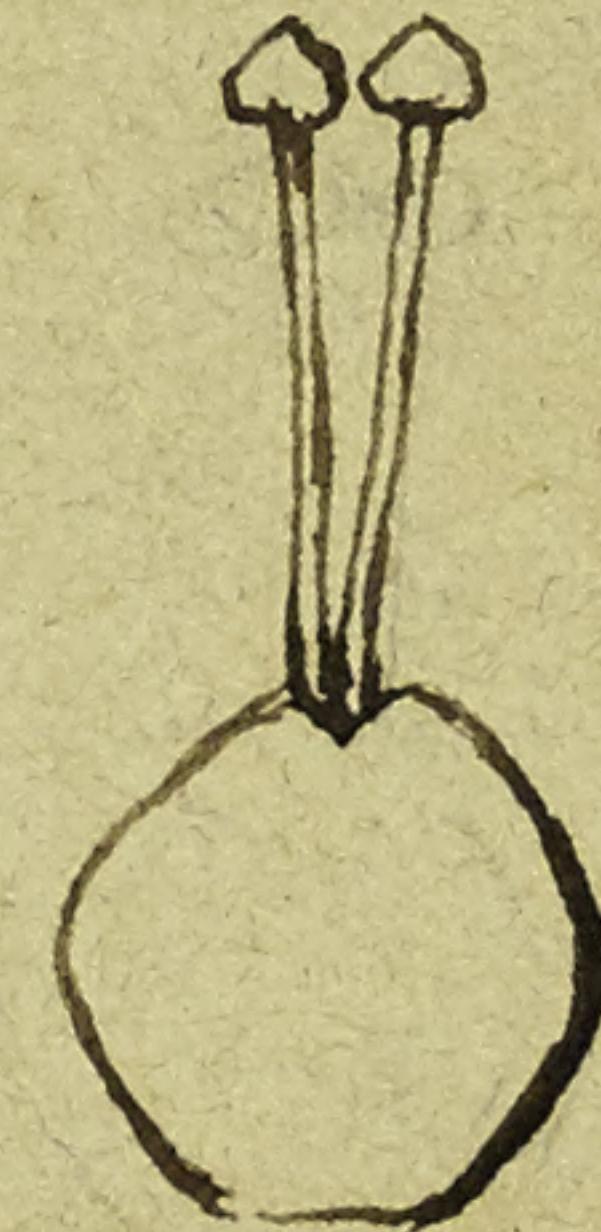
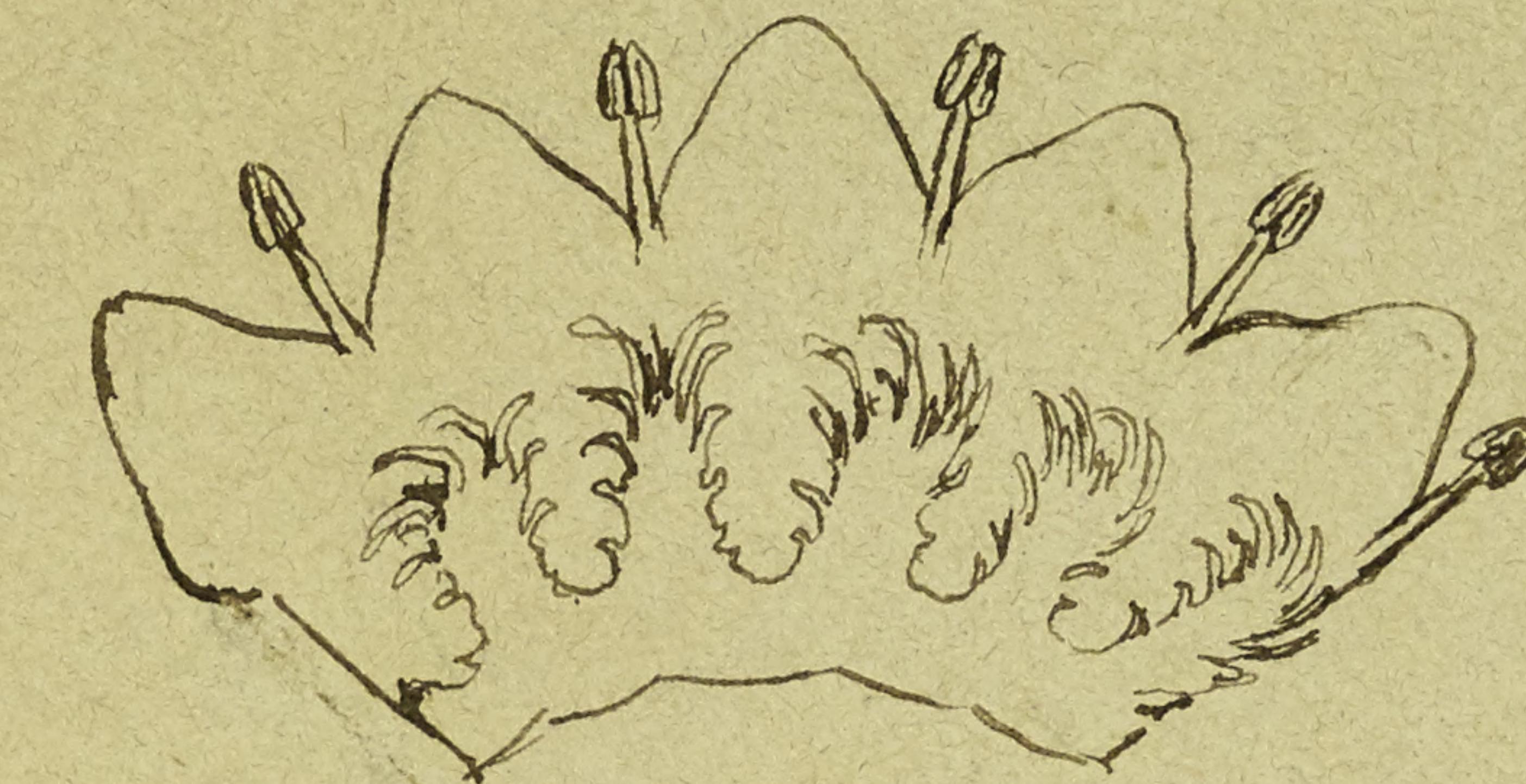
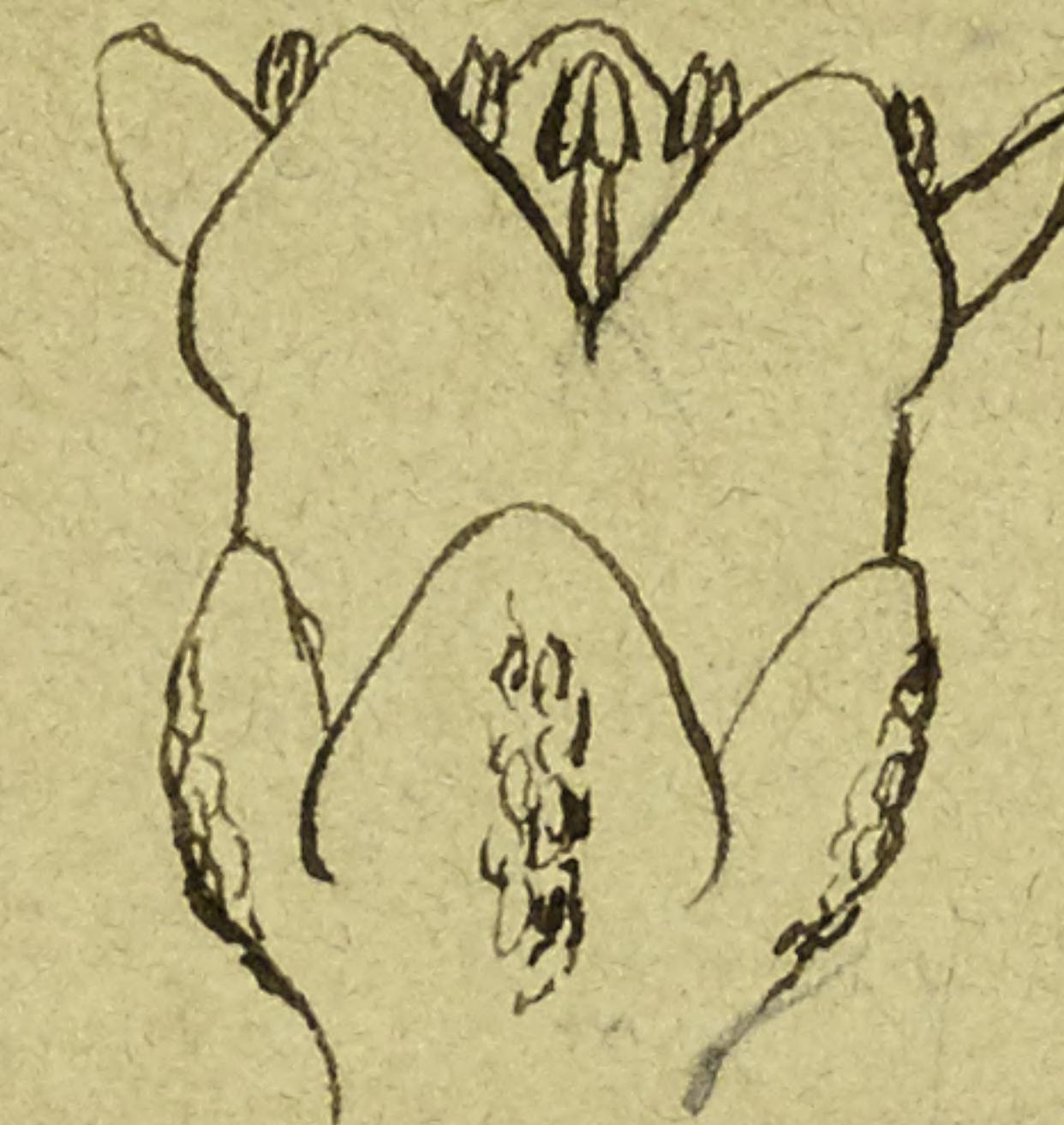
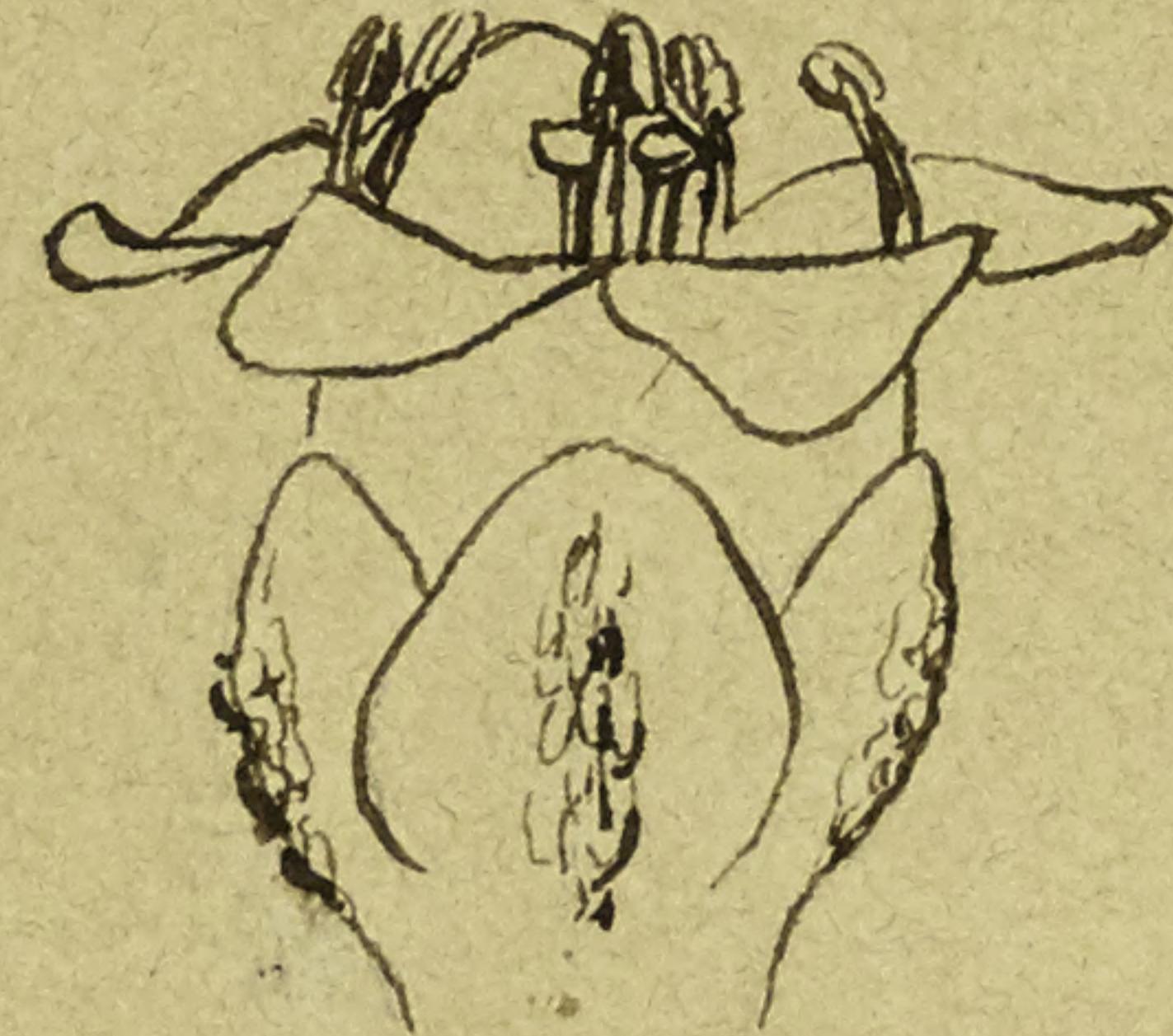
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GARDEN

1862

u/



*C. Gronovii*  
glomerata

New Hampshire

var. *C. vulg. var.*



0 1 2 3 4 5 6 7 8 9 10

cm

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4911

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0 1 2 3 4 5 6 7 8 9 10  
cm

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GARDEN

2/1842

*C. Grisebachii*

on Phaeolus, St Louis

ata

flora



0 1 2 3 4 5 6 7 8 9 10

cm

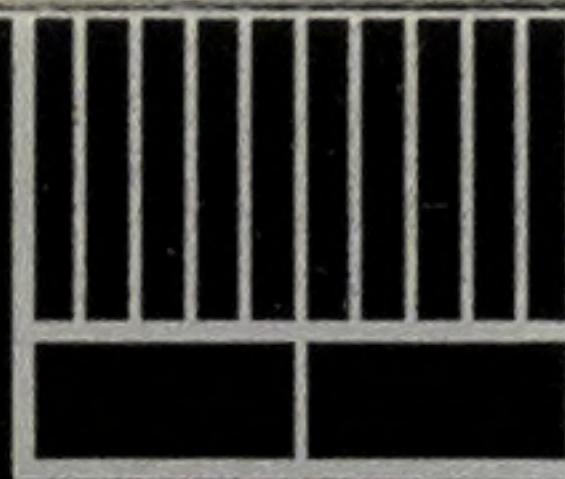
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GEORGE ENGLMAYER PLATES



0 1 2 3 4 5 6 7 8 9 10  
cm

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GARDEN

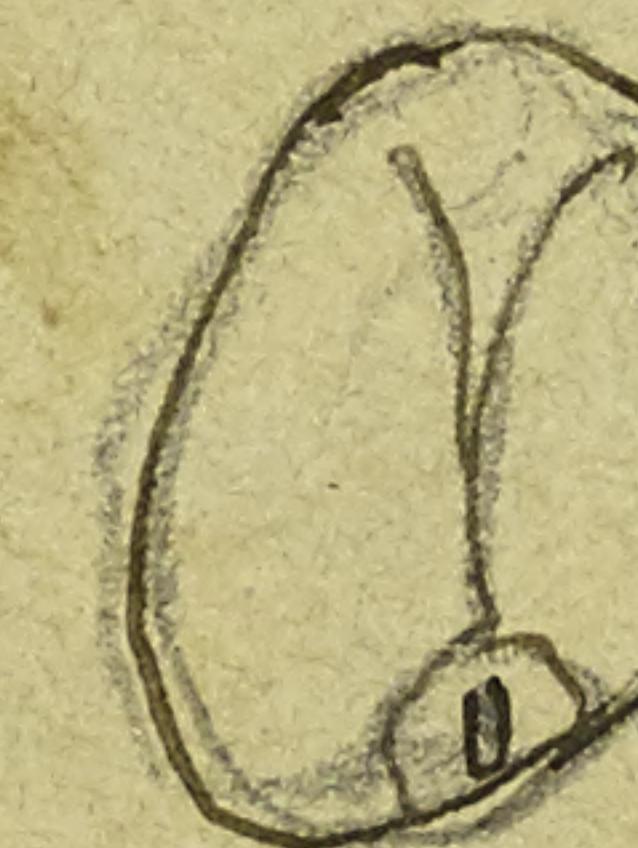
w

*C. Gronovii*

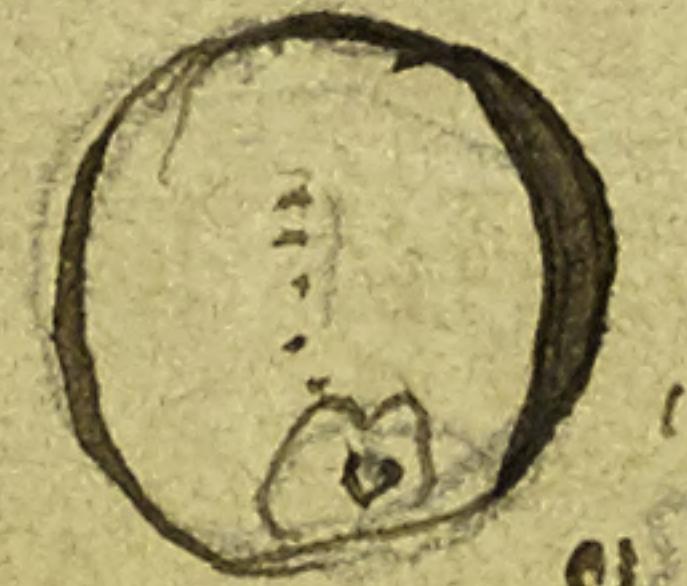


*Cuscuta umbellata* Savv.

Sept. 1842



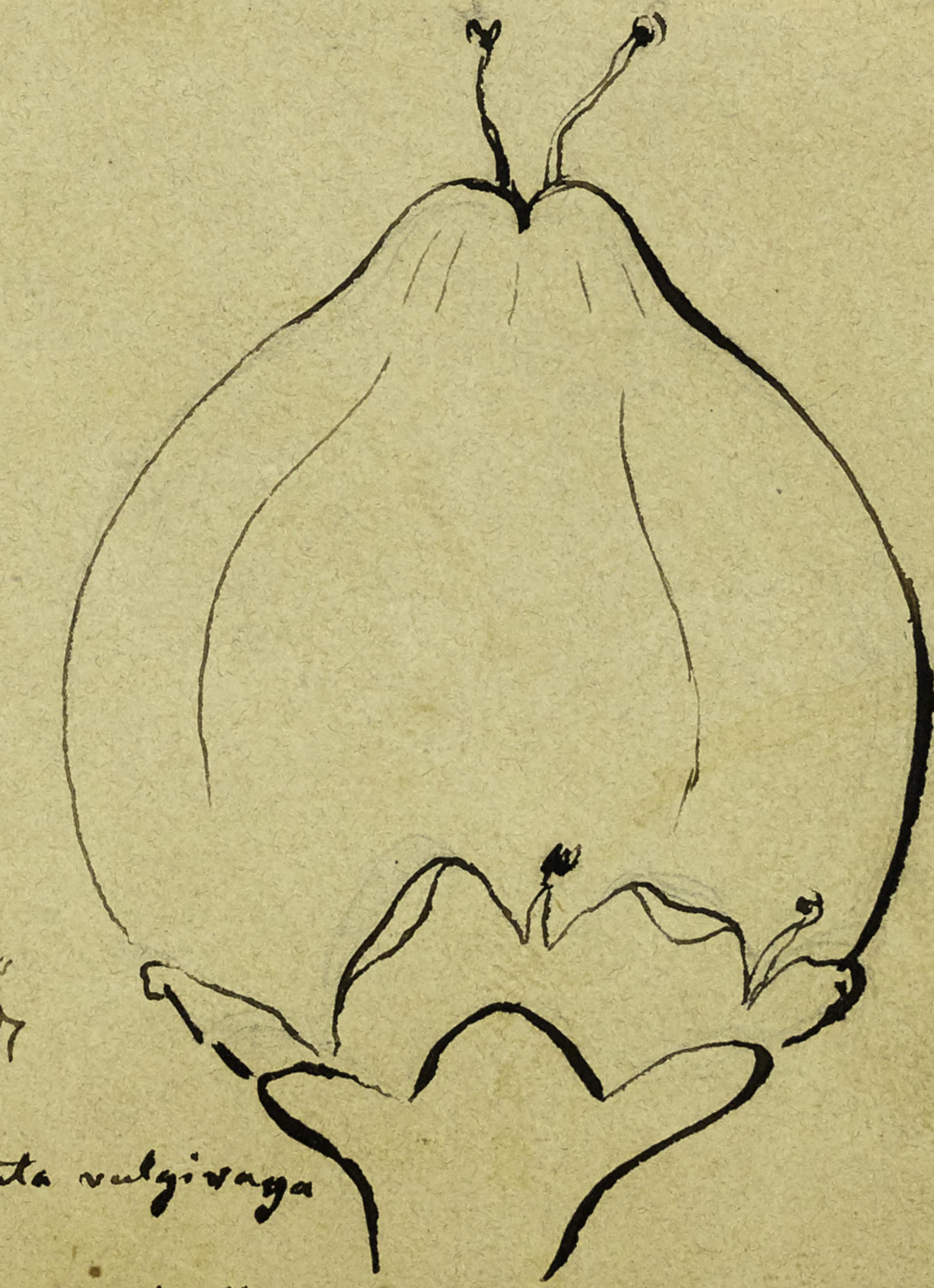
" 0.9



" 0.5

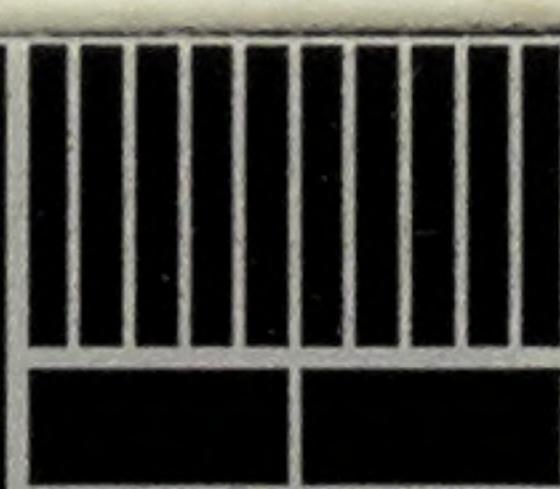


" 0.7



*Cuscuta vulgaris* Vahl

Oct. 1842



0 1 2 3 4 5 6 7 8 9 10

cm

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0 1 2 3 4 5 6 7 8 9 10  
cm

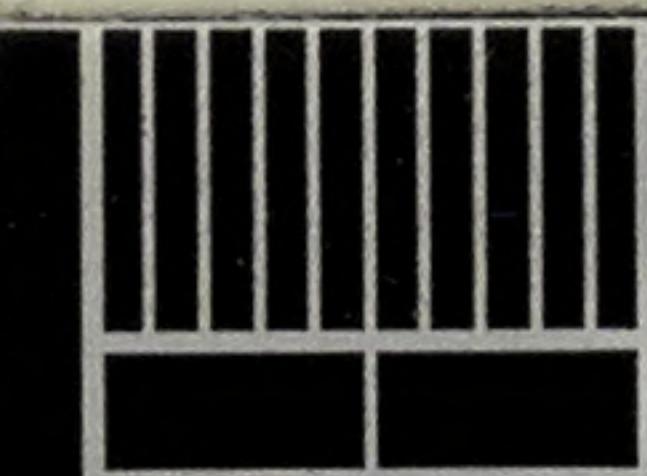
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X/1842

*Curoutia Grossini*  
var *patens*  
(*C. summi*)  
~~urzii~~  
Showers



0 1 2 3 4 5 6 7 8 9 10  
cm

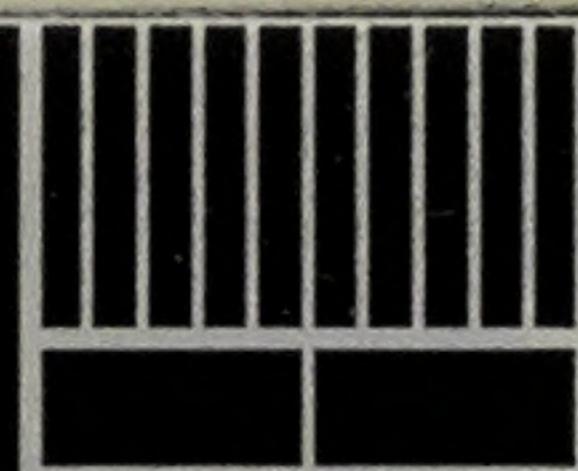
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0 1 2 3 4 5 6 7 8 9 10

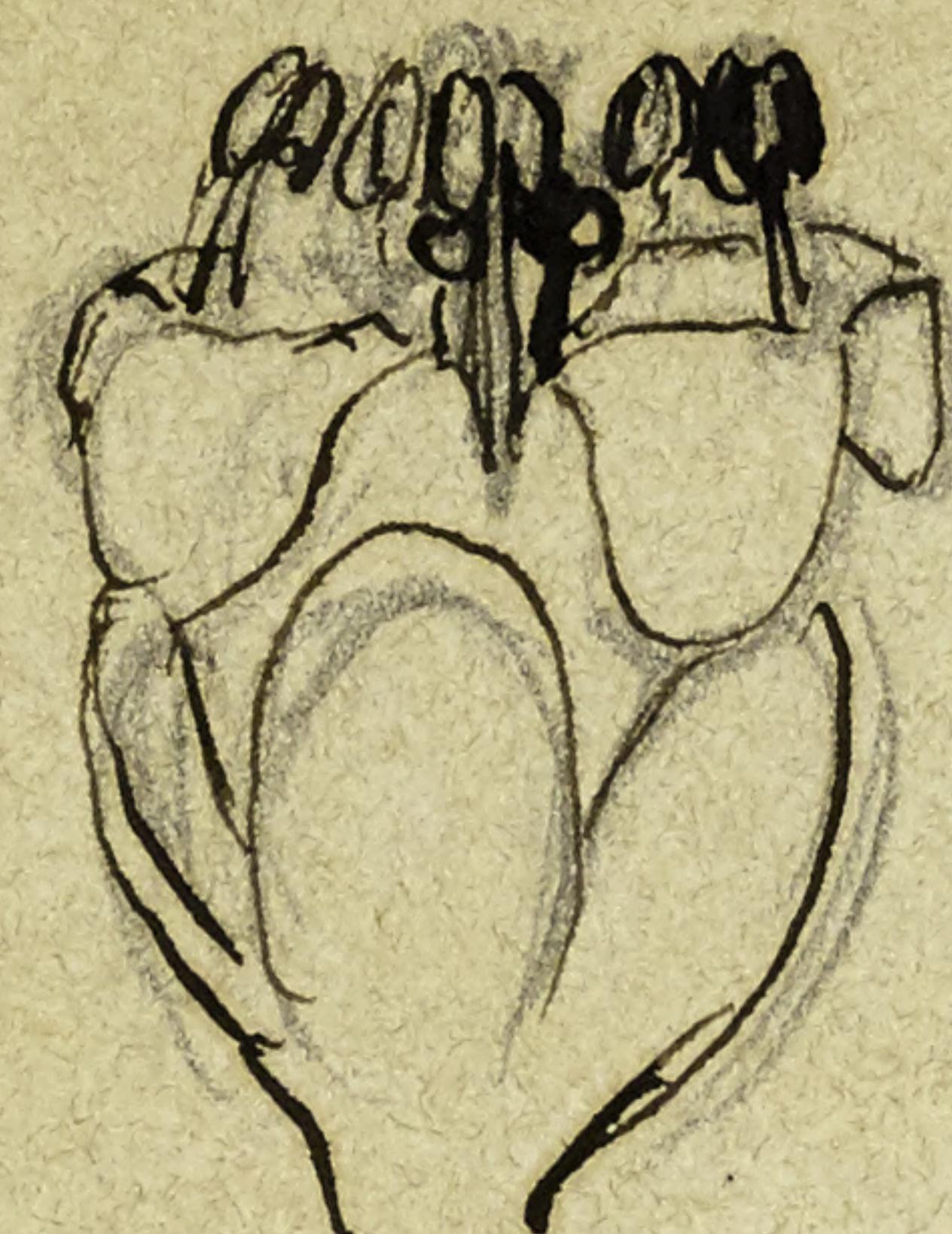
cm

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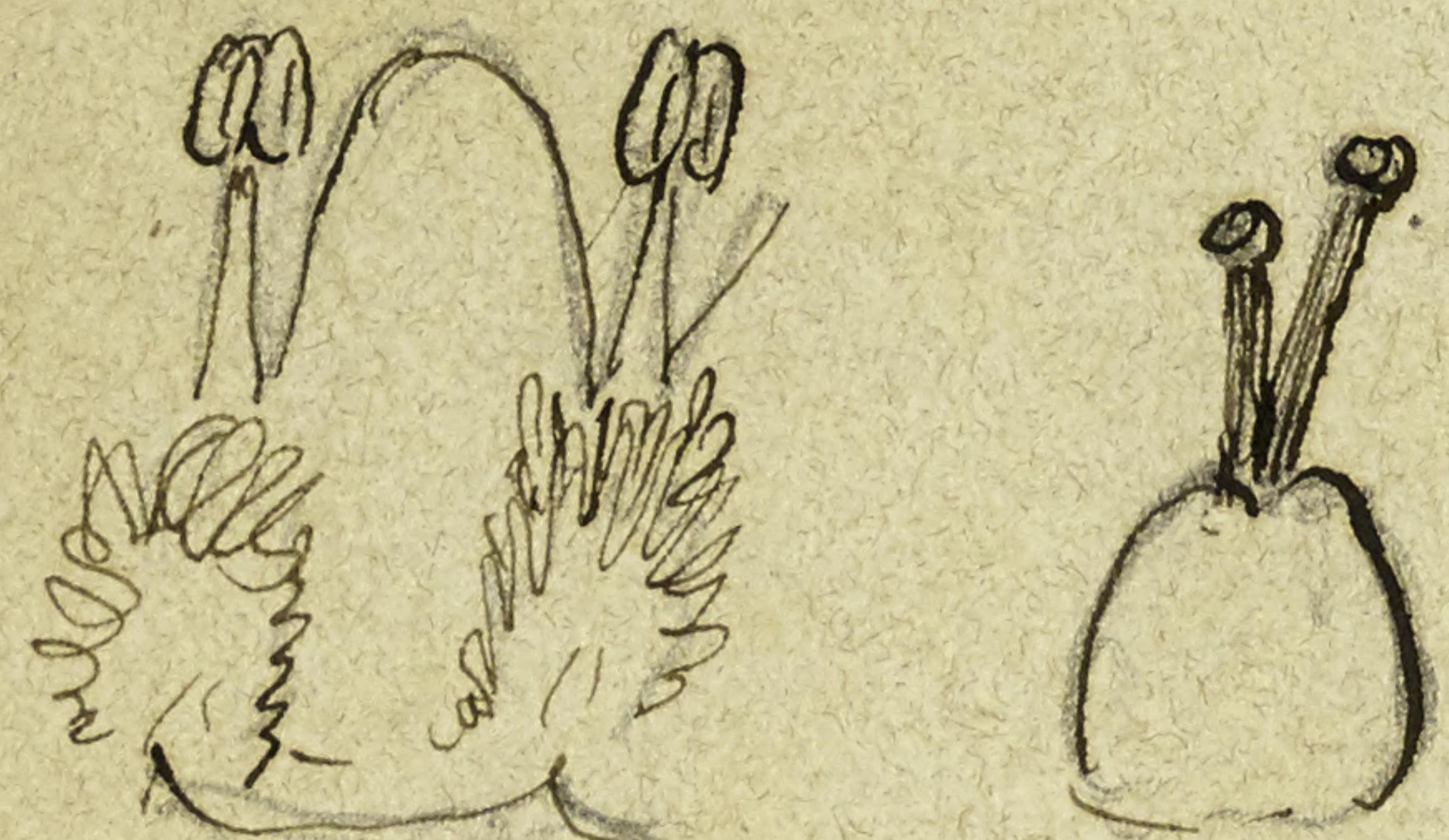
*Cassia* *Grisebachii*



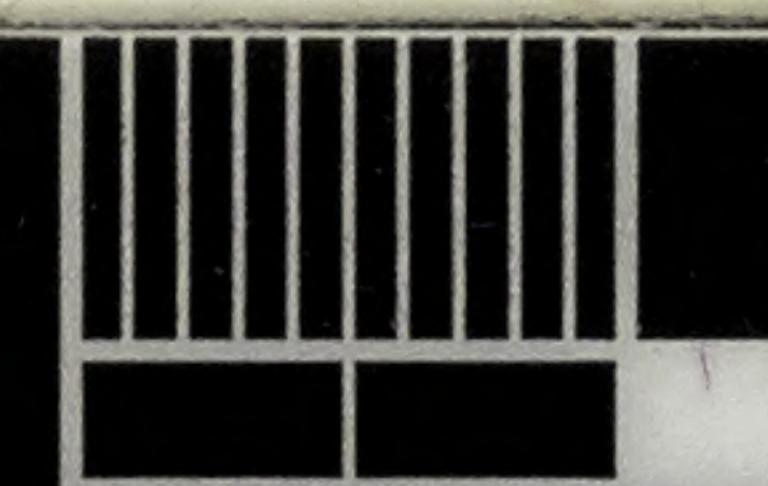
raised from Drummond's North  
American seeds in England

Herb. Hook. sq. 6

seems to be a form of *C. Grisebachii*



Calyx lobis ovatis ad basi fine  
disjunctis, tubus convallis subaequaliter  
lacinias ovatis oblongis tubum aequaliter  
reflexis, stamini basi aequaliter longis,  
anthers ovatis brevibus; <sup>style</sup> *Grisebachii*  
~~style~~ aequaliter longis; corolla ad basin  
oppositae unilaterantes,



0 1 2 3 4 5 6 7 8 9 10

cm

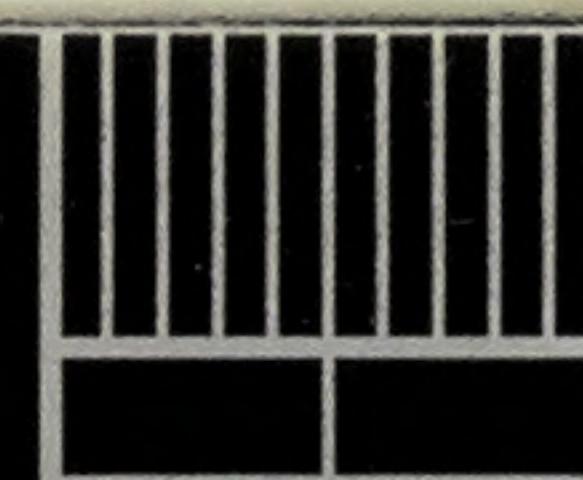
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cm

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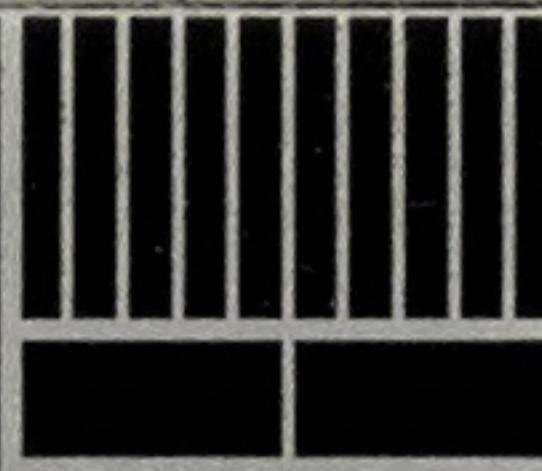


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*Cuscuta polyantha* Shattlevorth n. sp.  
present in ad Rubos, Coosa, Alabama

Angel leg Sept 1843

This is a form of *C. Gronovii* with  
small, very numerous, rather lax but  
at last crowded flowers



0 1 2 3 4 5 6 7 8 9 10

cm

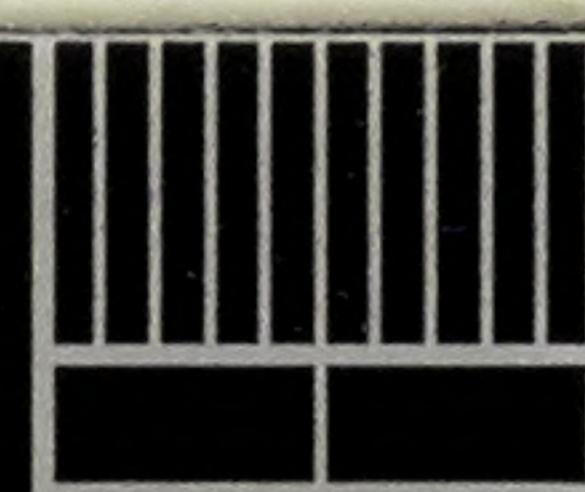
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0 1 2 3 4 5 6 7 8 9 10

cm

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Grovonii

*Cass. umbrosa* Begr.

- Her. Goett's & Becki

1870-71

8 Hooker

from Tennessee & Georgia

Bergman

leoth = *C. Grovoni*

Reading, Bischoff - on Impatiens (is it not Oenothera?  
Thompson - Gregg has fold on top of capule by mistake a girl



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

4917

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0 1 2 3 4 5 6 7 8 9 10

cm

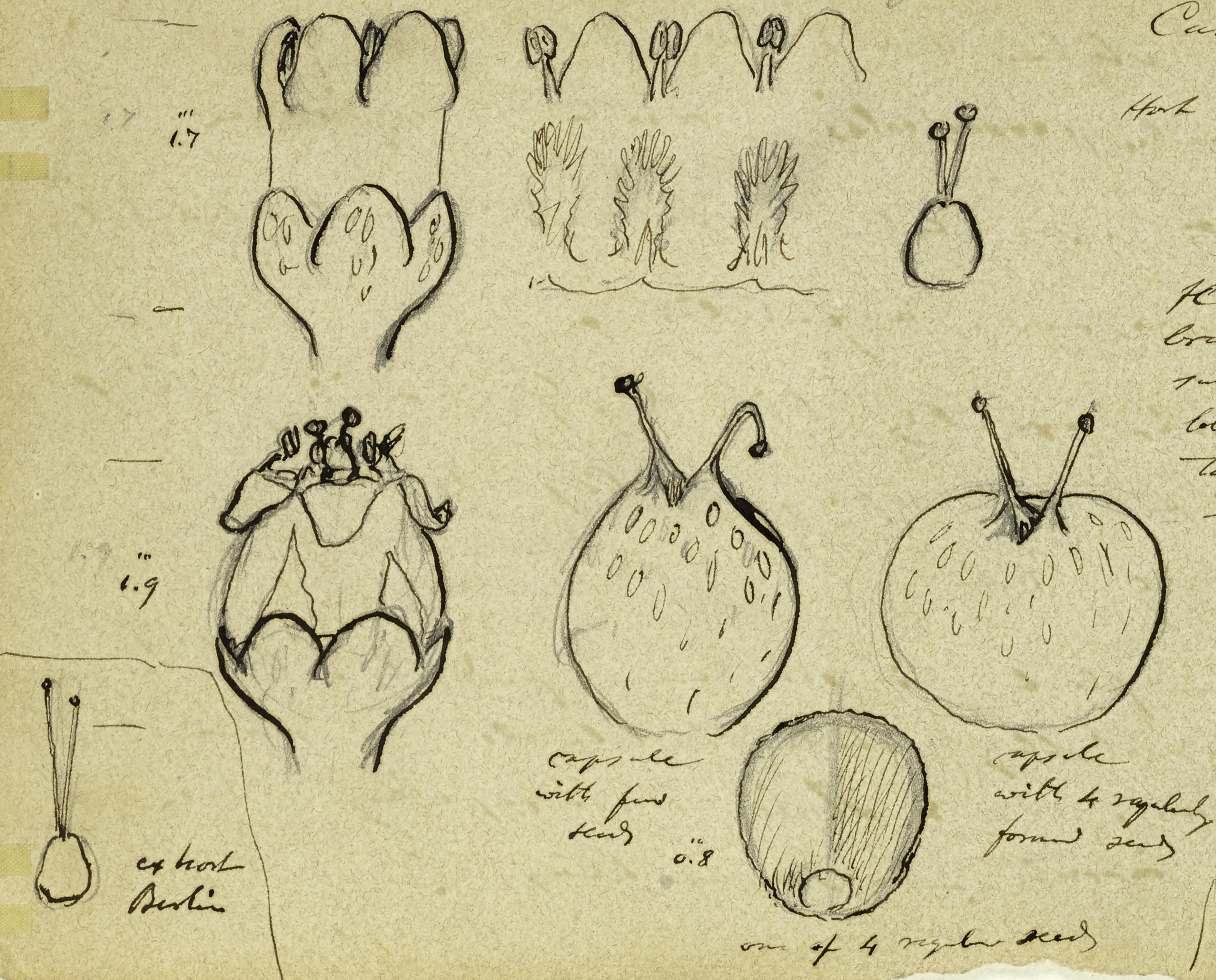
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*Amoenium Grisebachii*

var 48

*Cassonii, chrysanthemum*Horkotus Freyberg &  
Carlsruhe  
Dab.

*Fl. & fr. glomeratis,  
bracte pedicellatis, seu  
subsessilibus; calyxis  
lobis obtusis obtusis;  
tubus corollae cylindrica  
1. postul. opercularis  
exserta, lobis triangularibus  
ovatis obtusis  
erectis 1. patulis  
diam. revolutis  
tubus dividitur  
brevioribus,  
staminibus paucis  
excrescentibus, anthers  
ovatis*



4918

specim. ~~var~~ novis, saltem non invertitib., ad  
connatur. ~~apicem~~ *Stylos* *ovatus* *Vaseyi* *insolens*  
capitula bracteata persistentes, corolla ad apicem  
mucronata, dentes venosus orato obscurata  
impresso obscurae angulatae.

This looks exactly like *C. Gronovii* but  
Corolla persistat ab apex of Capsule  
and 0.7-0.9 cm.

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0 1 2 3 4 5 6 7 8 9 10  
cm

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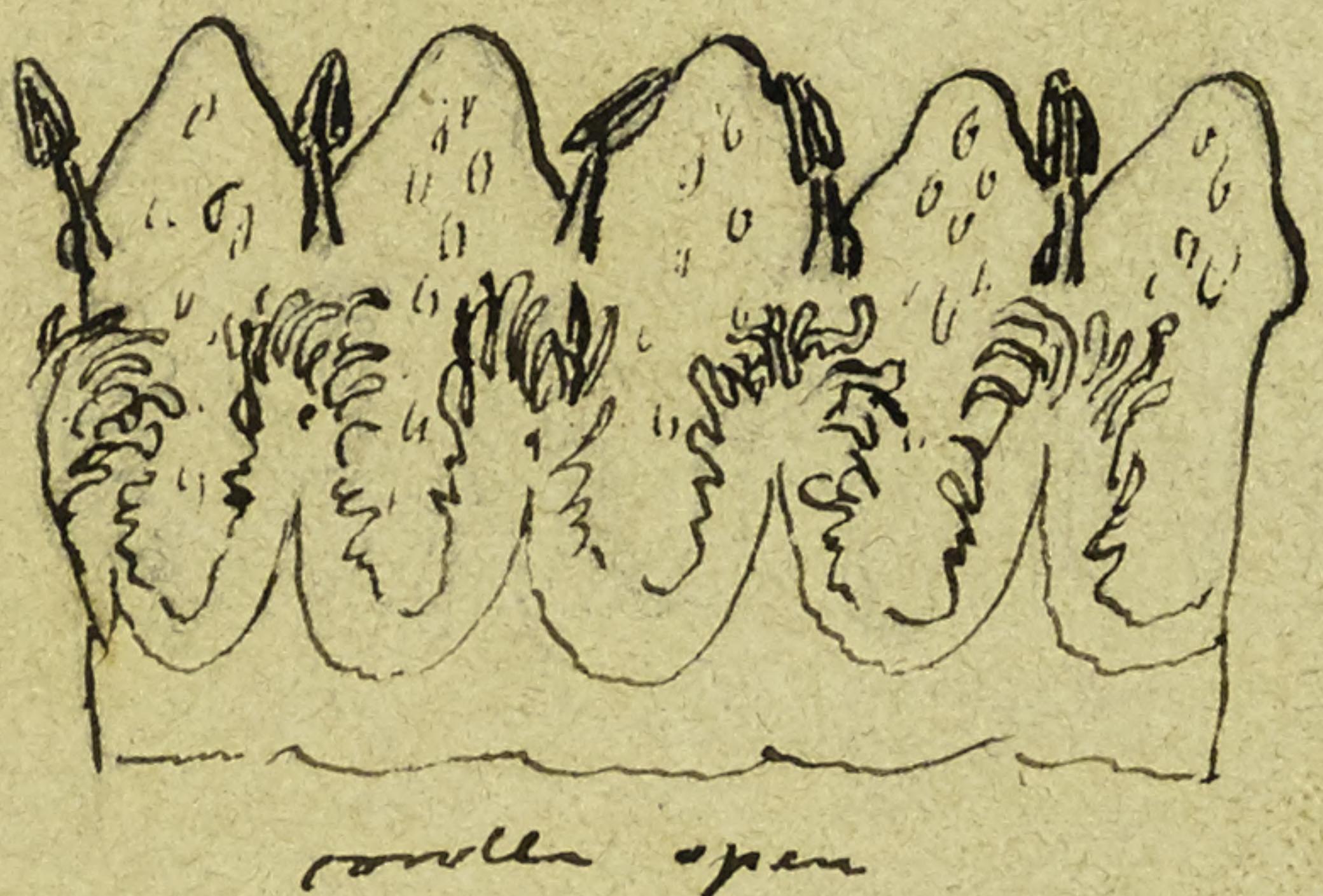
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GARDEN

1863

(y)



flower with a cavity.



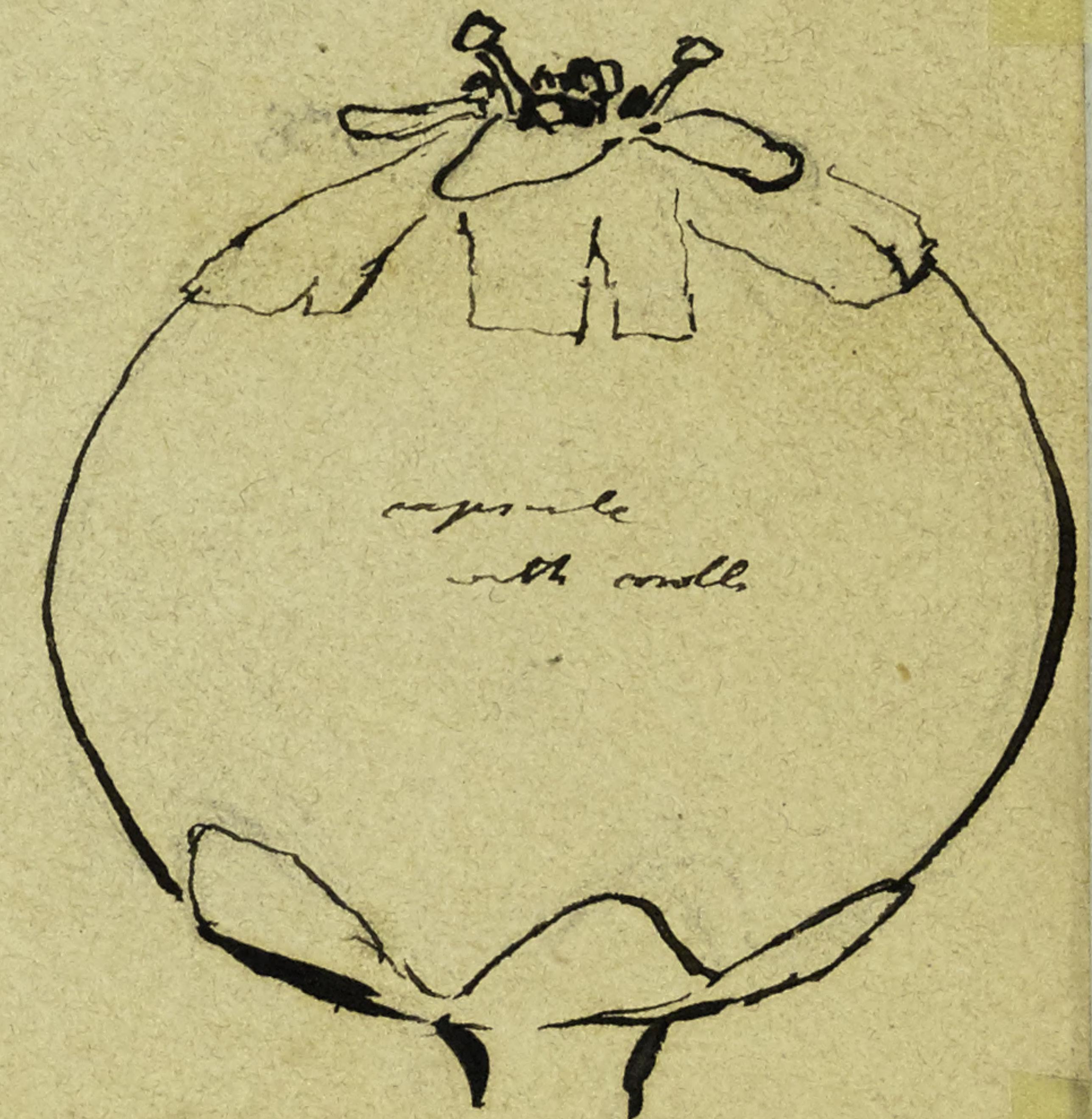
ovules open



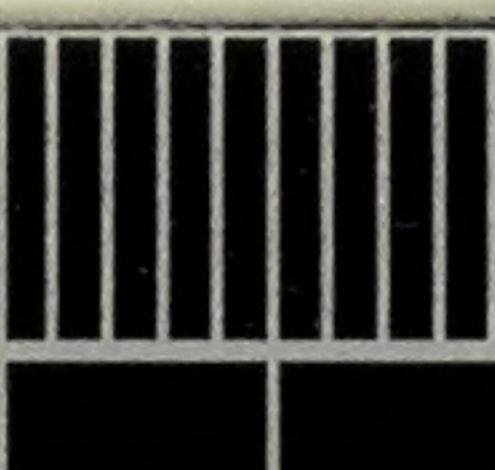
ovary



top of capsule



capsule  
with ovules



0 1 2 3 4 5 6 7 8 9 10  
cm

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0 1 2 3 4 5 6 7 8 9 10

cm

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*Cero. Donacifolius* var *hortense*  
for South America? I have not  
met with it in any herbarium <sup>wild!</sup> \*  
is it a form of *grisebachii*?  
Mr Ready's specimen is remarkable;  
it and those from Liverpool are  
the only ones seen by me with some  
what ~~only~~ <sup>at</sup> ~~petiole~~ cups like  
\* or does my *idem* be mistake  
below here? M 116 & 44.



0 1 2 3 4 5 6 7 8 9 10  
cm

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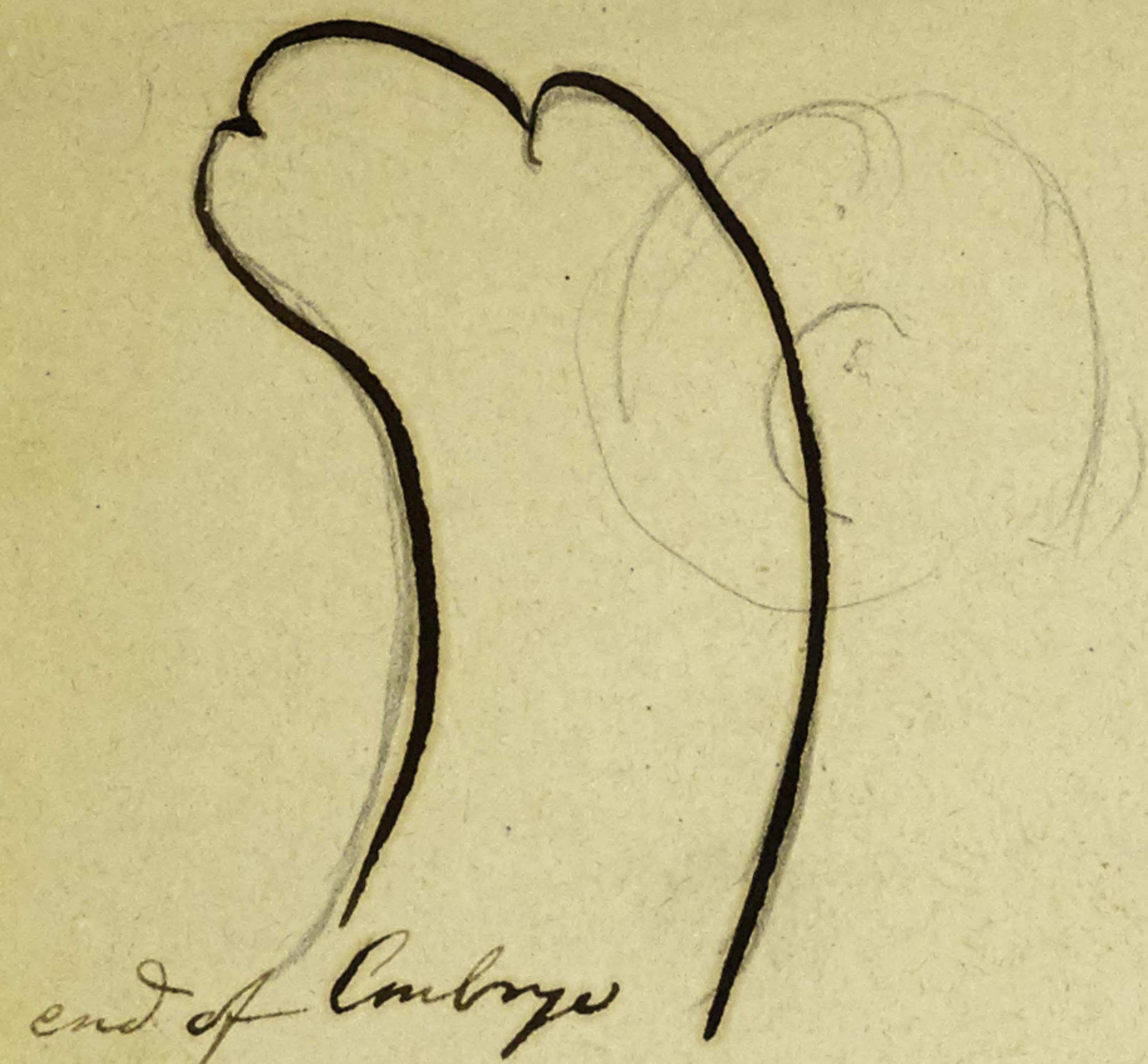
cm

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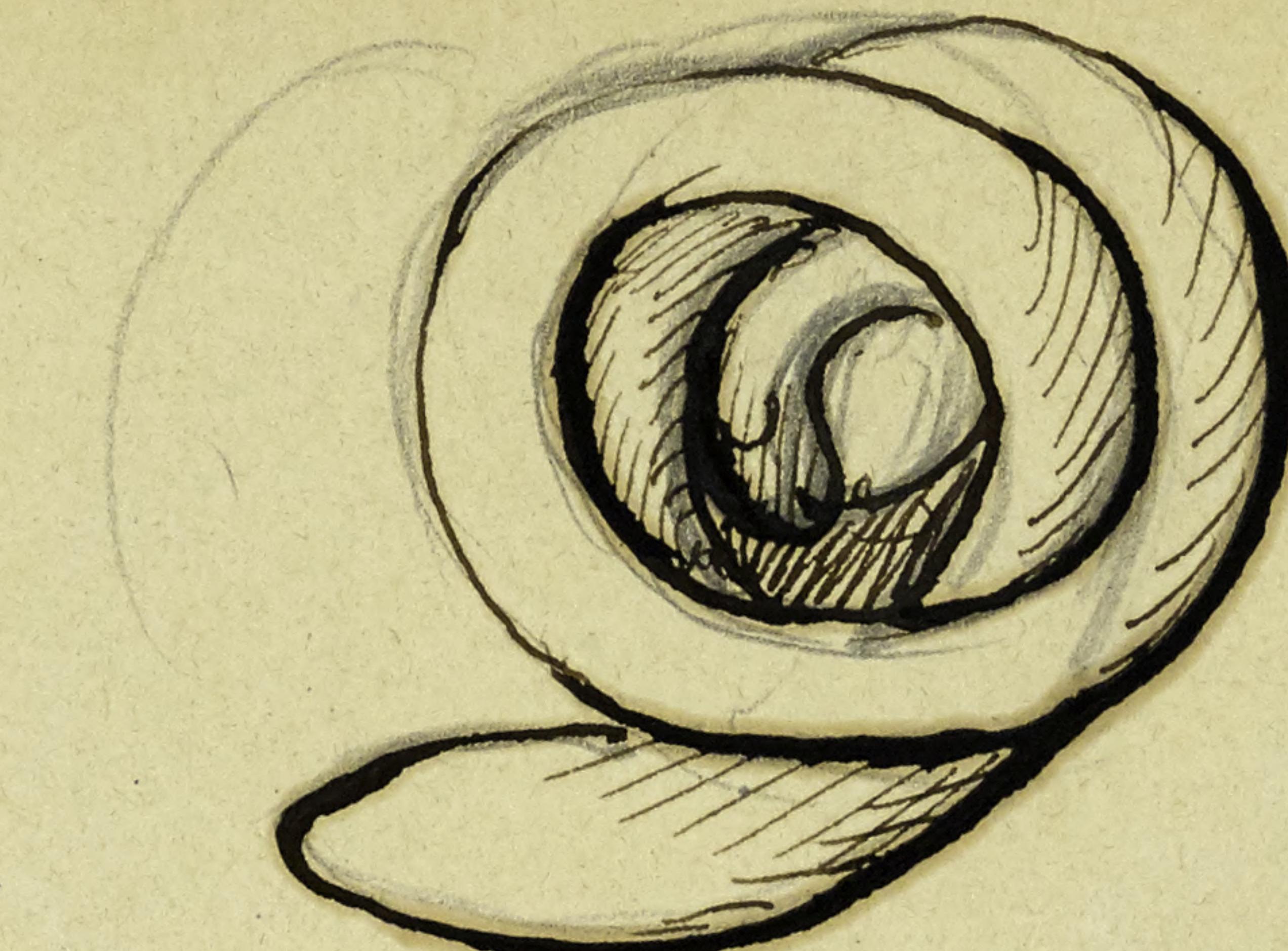
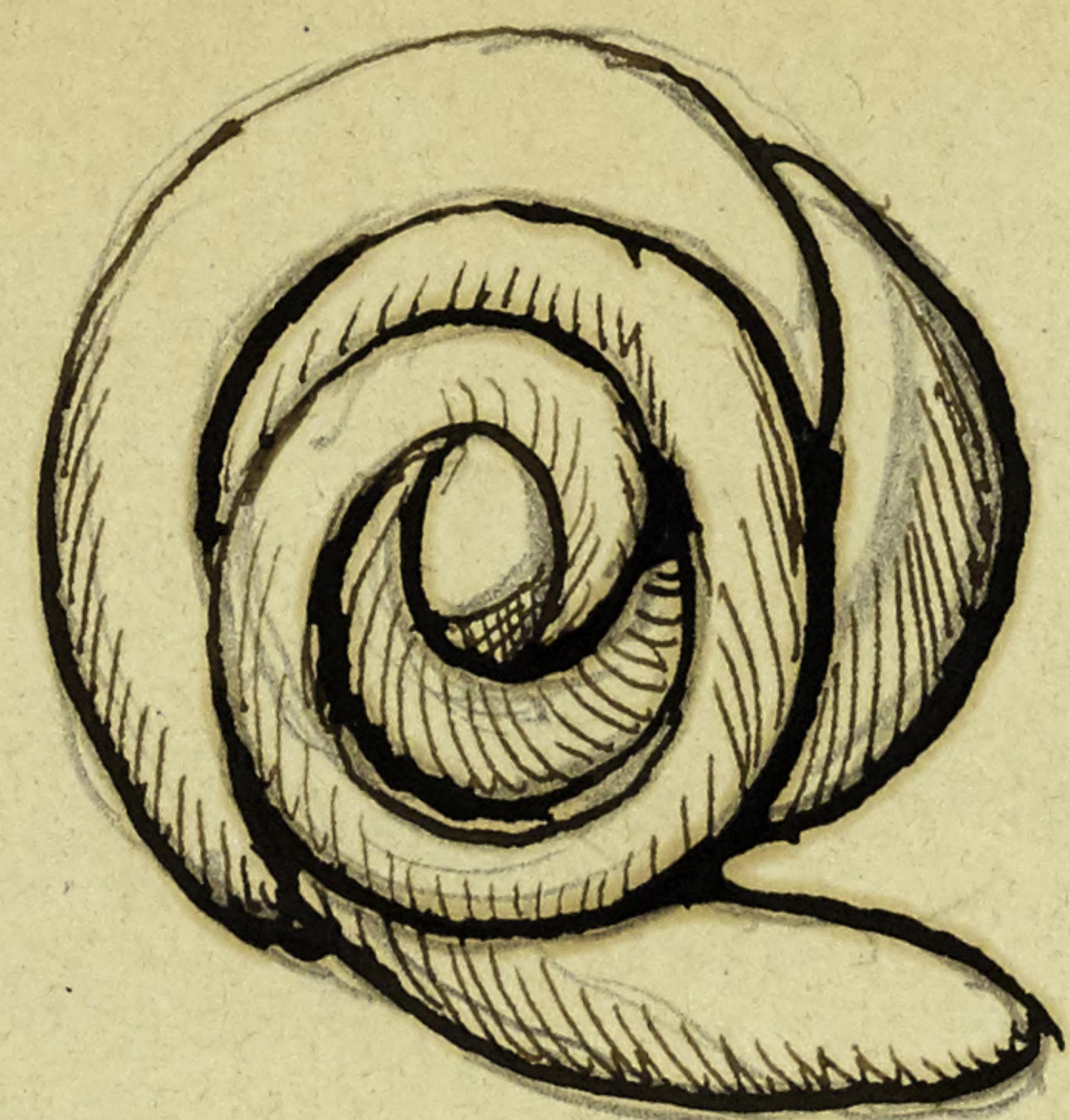
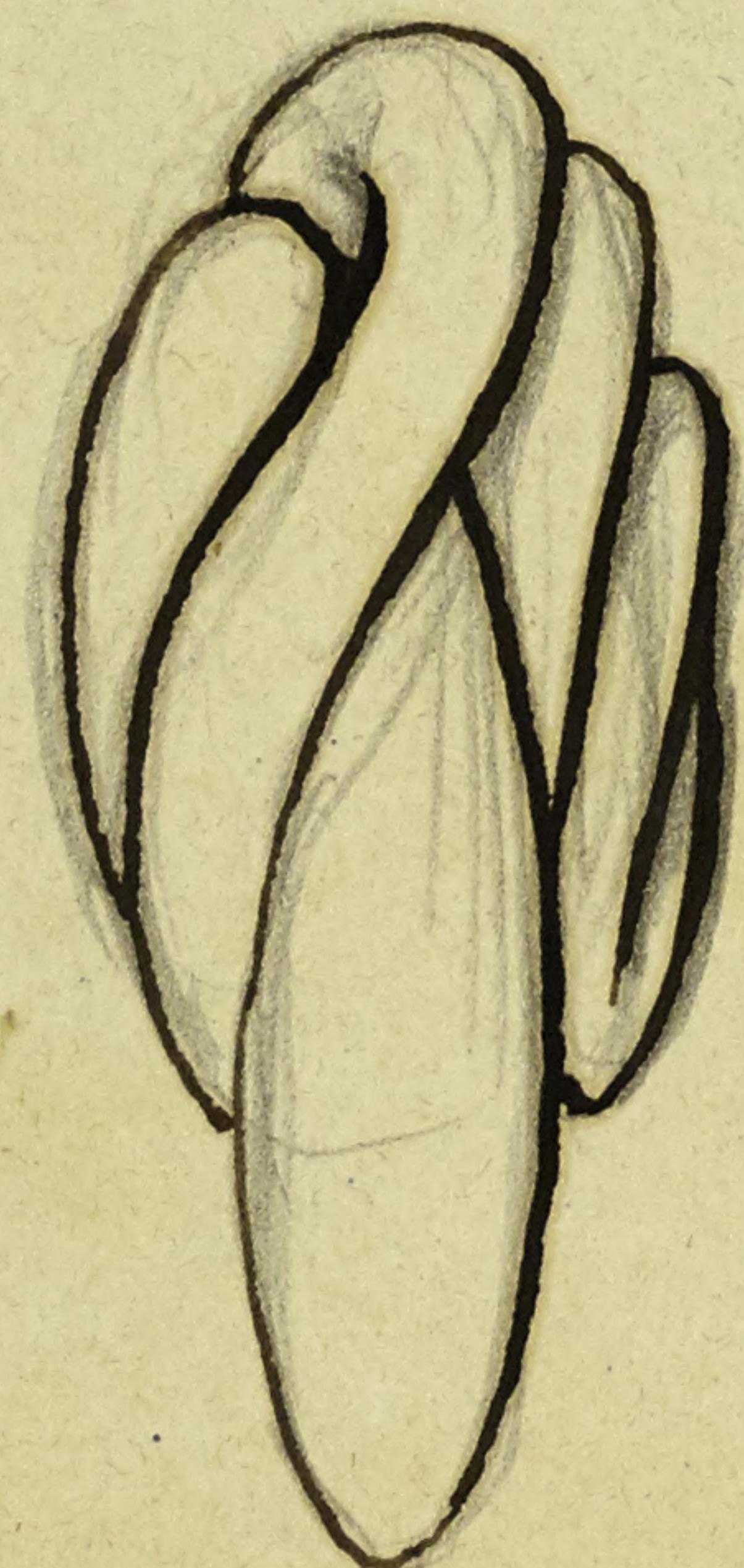


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4. 6.



end of embryo



Embryo of *C. bonariensis* is  
as often seen in this plant.  
Embryo 5-6 mm long,  
~~to~~ <sup>to</sup> form 4 or 5 whorls,  
often irregularly contort.



0

1

2

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cm

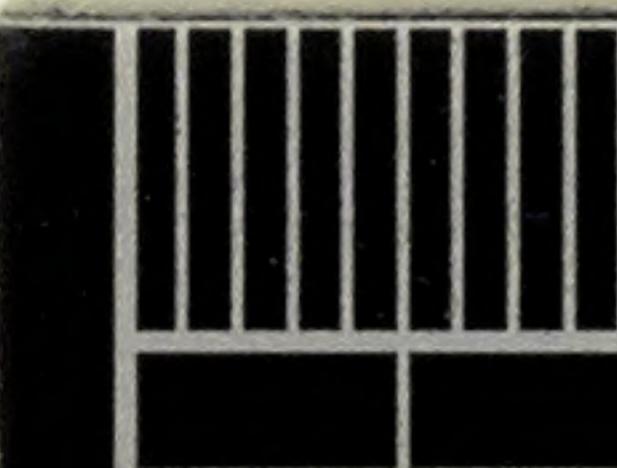
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0 1 2 3 4 5 6 7 8 9 10

cm

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